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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/712,308	11/13/2000	Shell S. Simpson	10007660-1	8633

7590 08/18/2006

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

BRINICH, STEPHEN M

ART UNIT	PAPER NUMBER
2625	

DATE MAILED: 08/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Applicati n N .

09/712,308

Applicant(s)

SIMPSON ET AL.

Examiner

Stephen M. Brinich

Art Unit

2625

-- The MAILING DATE of this c mmunicati n appears on th cover sheet with the correspondence address --

## Peri d f r Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 05 June 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1 and 4-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 4-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

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**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

2. Claims 1, 4, 7-8, 10-15, & 17 are rejected under 35 U.S.C. 102(e) as being anticipated by Maekawa et al.

Re claims 1, 4, 7-8, 10-13, 15, & 17, Maekawa et al discloses (column 2, line 65 - column 3, line 12; column 5, line 62 - column 10, line 44 (particularly column 5, line 64 - column 6, line 6; column 7, lines 12-16; and column 9, line 49-59); and Figures 1 & 4-9) an arrangement in which an external device (e.g. a computer) 101 sends instructions to a printer 102 which are executed by the printer to carry out print jobs (in which the printer generates a hard copy representation of data representing an image), and the printer (specifically, the printer controller 103) sends instructions (a status indication signal) which are executed by the external device 101 to generate the display of a print status page that reflects this status indication signal.

Re claim 3, the instructions are an "agent" of the printer, insofar as they are agents through which the external device generates a print status display in response to the printer's instructions.

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Re claims 13-15 & 17, the external device 101 is readable upon the recited "client".

Re claim 14, Maekawa et al discloses (Figure 5) that the printer and external device are connected by a network.

***Claim Rejections - 35 USC § 103***

3. Claims 5-6, 9, 16, & 18-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maekawa et al.

Re claims 5-6, 9, 16, & 18-23, Maekawa et al does not disclose the specific recited formats for the instructions (HTML, Javascript, or C-Sharp code) or the print status page (Web page).

The selection of a particular known format for conveying or displaying information would be a selection among equivalents of a type judicially recognized as obvious to one of ordinary skill in the art unless the reason for selecting one equivalent over another was to solve an existent problem (*In re Ruff*, 118 USPQ 343).

Further re claim 19 (and dependent claims 20-23), the interface via which the printer sends the instructions (status indication signal) is readable upon the (not further described) recited "I/O port".

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***Response to Arguments***

4. Applicant's arguments filed 6/5/06 have been fully considered but they are not persuasive.

Re claim 1 (and dependent claims 4-6), Applicant argues (6/5/06 Remarks: page 6, line 8 - page 7, line 22) that Maekawa discloses a printer that transfers information, but not executable instructions, to an external device.

However, it is not clear how the current claim language with its recitation of "executable instructions" distinguishes over the case where an item of information serves as an "instruction" to place a certain datum rather than another (i.e. to display the current status rather than the previous status).

Re claims 7, 11, 13, & 19 (and dependent claims 8-10, 12, 14-18, & 20-23), Applicant argues (6/5/06 Remarks: page 7, line 23 - page 9, line 18 and page 10, lines 5-23) that these claims are allowable for the same reasons as claim 1.

Applicant's arguments re claim 1 have been addressed above.

Re claims 5-6, 9, 16, & 18, Applicant argues (6/5/06 Remarks: page 9, line 22 - page 10, line 4), Applicant argues that these claims are patentable for the same reasons as their respective parent claims.

Applicant's arguments re parent claims 1, 7, & 13 have been addressed above.

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**Conclusion**

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. Any inquiry concerning the contents of this communication or earlier communications from the examiner should be directed to Stephen M. Brinich at 571-272-7430.

Any inquiry relating to the status of this application or proceeding or any inquiry of a general nature concerning application processing should be directed to the Tech Center

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2600 Customer Service center at 571-272-2600 or to the USPTO  
Contact Center at 800-786-9199 or 571-272-1000.

The examiner can normally be reached on weekdays 8:00-5:30,  
alternate Fridays off.


The examiner's unit designation has been changed from "Art  
Unit 2624" to "Technology Division 2625" (as of March 20, 2006).

If attempts to contact the examiner and the Customer  
Service Center are unsuccessful, supervisor David Moore can be  
contacted at 571-272-7437.

Faxes pertaining to this application should be directed to  
the Tech Center 2600 official fax number, which is 571-273-8300  
(as of July 15, 2005).

Hand-carried correspondence may be delivered to the  
Customer Service Window, located at the Randolph Building, 401  
Dulany Street, Alexandria, VA 22314.

Stephen M Brinich  
Examiner  
Technology Division 2625

smb   
August 14, 2006



THOMAS D.  
~~TOMMY~~ LEE  
PATENT EXAMINER

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER
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ART UNIT	PAPER
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Commissioner for Patents